P30108

Fig. 1

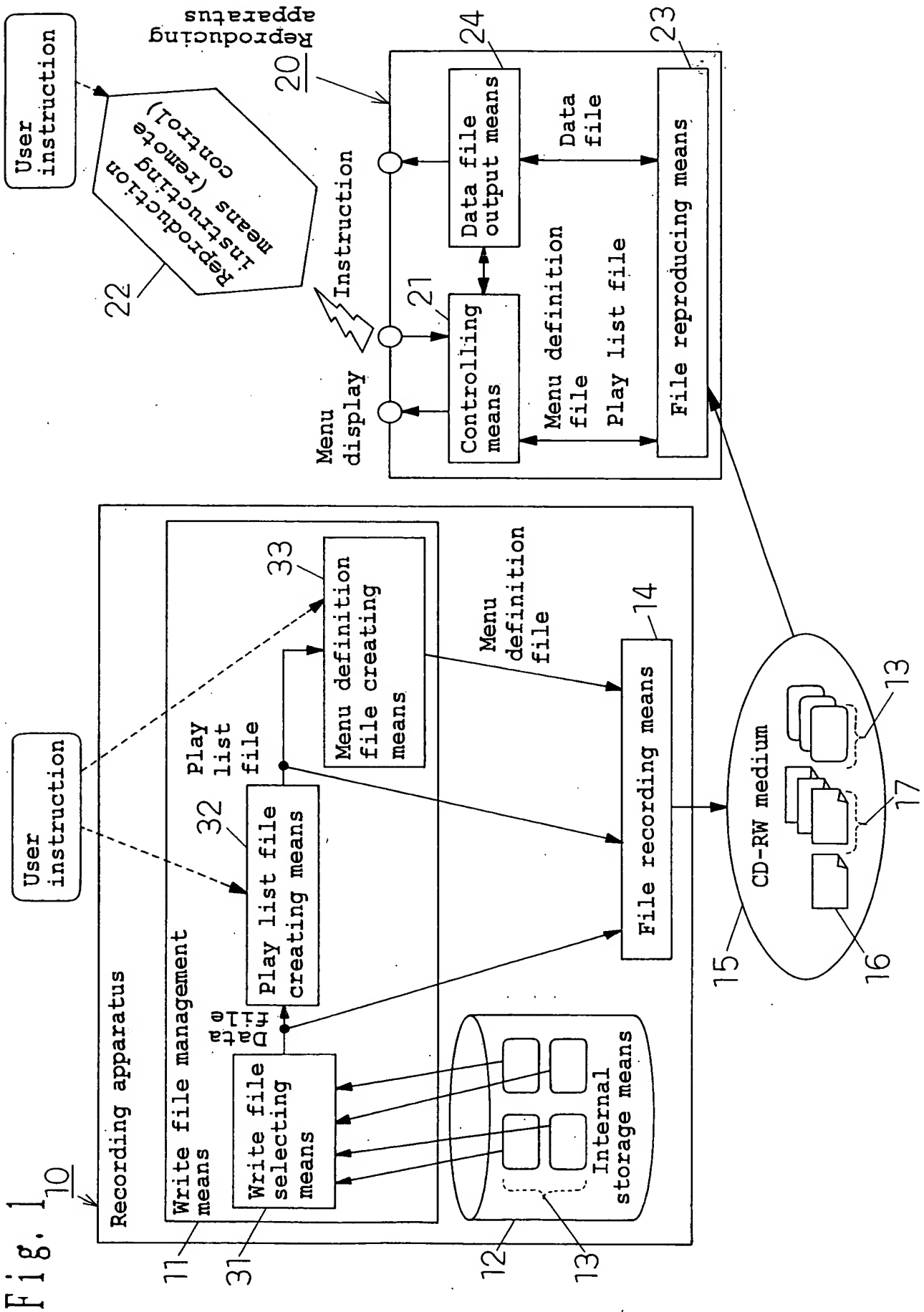

10
Recording apparatus
Write file management means
11
Write file selecting means
31
Play list file creating means
32
Play list file
Menu definition file creating means
33
Menu definition file
File recording means
14
Internal storage means
12
13
CD-RW medium
15
16
17
User instruction
User instruction
Reproducing apparatus
20
Reproduction instructing means (remote control)
22
Instruction
Menu display
Controlling means
21
Data file output means
24
Data file
File reproducing means
23
Menu definition file
Play list file

Fig. 2

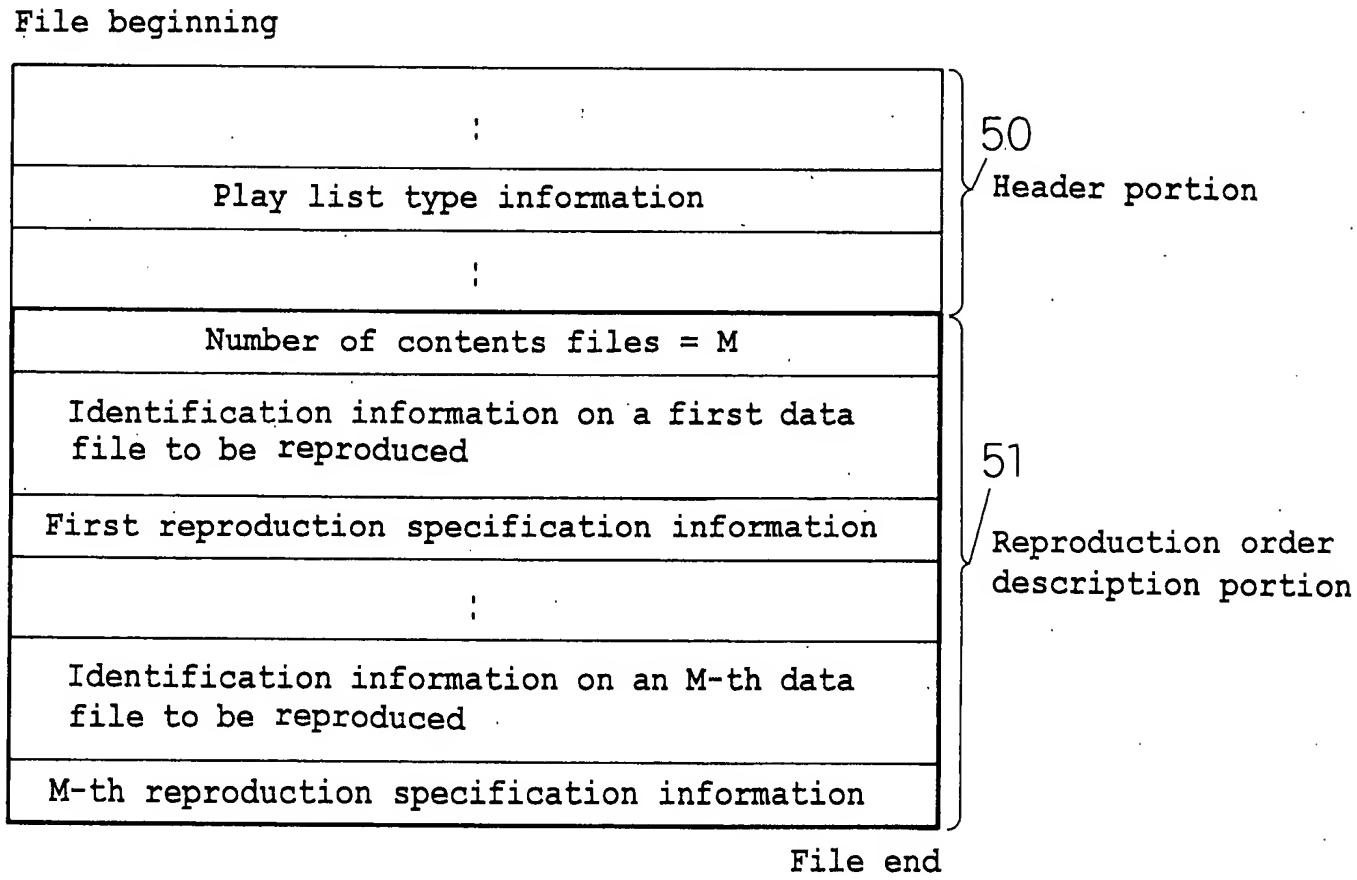

File beginning
Play list type information
Number of contents files = M
Identification information on a first data file to be reproduced
First reproduction specification information
Identification information on an M-th data file to be reproduced
M-th reproduction specification information
File end
50
Header portion
51
Reproduction order description portion

Fig. 3

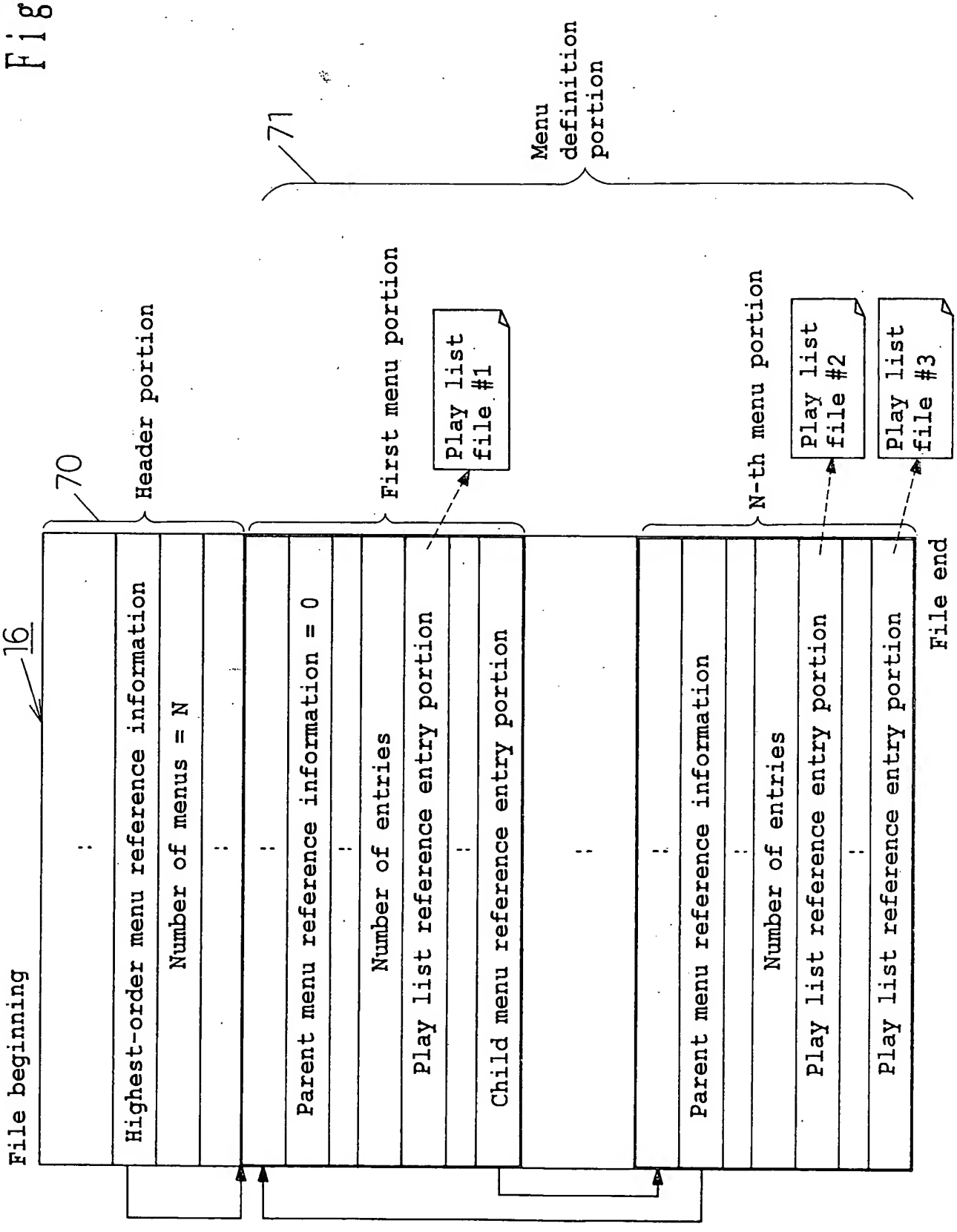
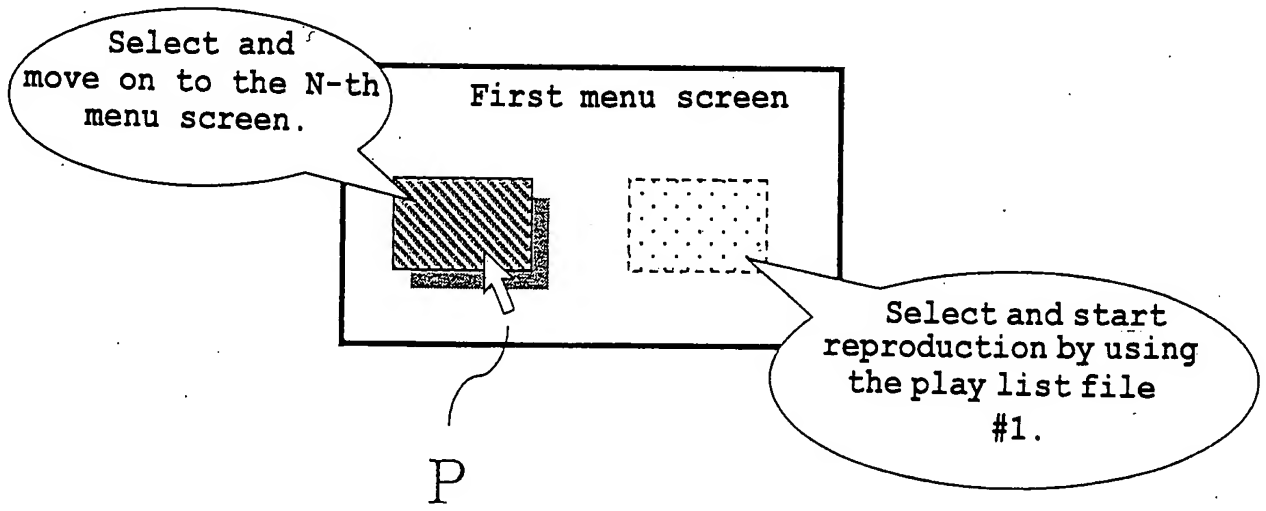

16
70
71
Header portion
Menu definition portion
First menu portion
N-th menu portion
File beginning
File end
Highest-order menu reference information
Number of menus = N
Parent menu reference information = 0
Number of entries
Play list reference entry portion
Child menu reference entry portion
Parent menu reference information
Number of entries
Play list reference entry portion
Play list reference entry portion
Play list file #1
Play list file #2
Play list file #3

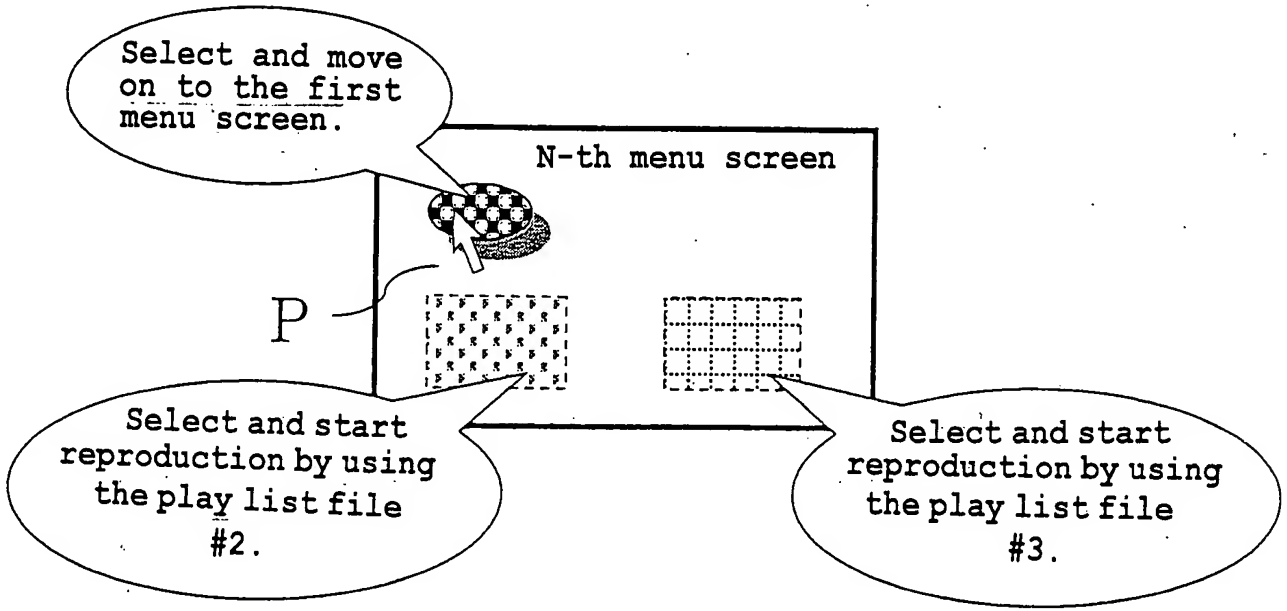
Fig. 4



: Thumbnail for moving on to a child menu (corresponding to the child menu reference entry portion)

: Thumbnail for play list file selection (corresponding to the play list reference entry portion)

: Thumbnail for moving on to a parent menu (corresponding to the parent menu reference information)



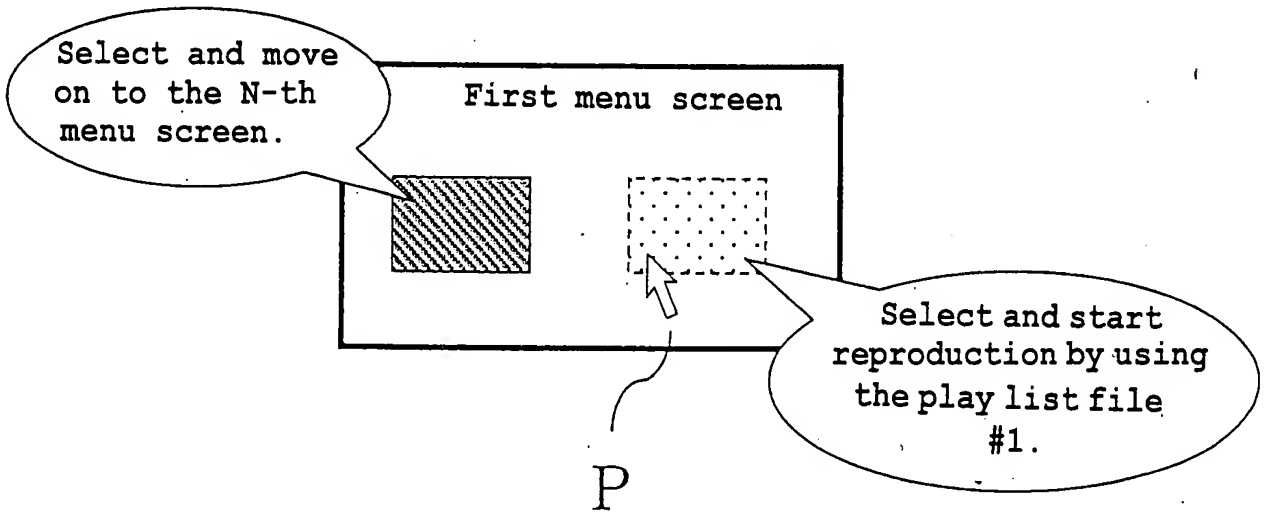
: Thumbnail for moving on to the child menu (corresponding to the child menu reference entry portion)

: Thumbnail for play list file selection (corresponding to the play list reference entry portion)

: Thumbnail for moving on to the parent menu (corresponding to the parent menu reference information)

Fig. 5

Fig. 6

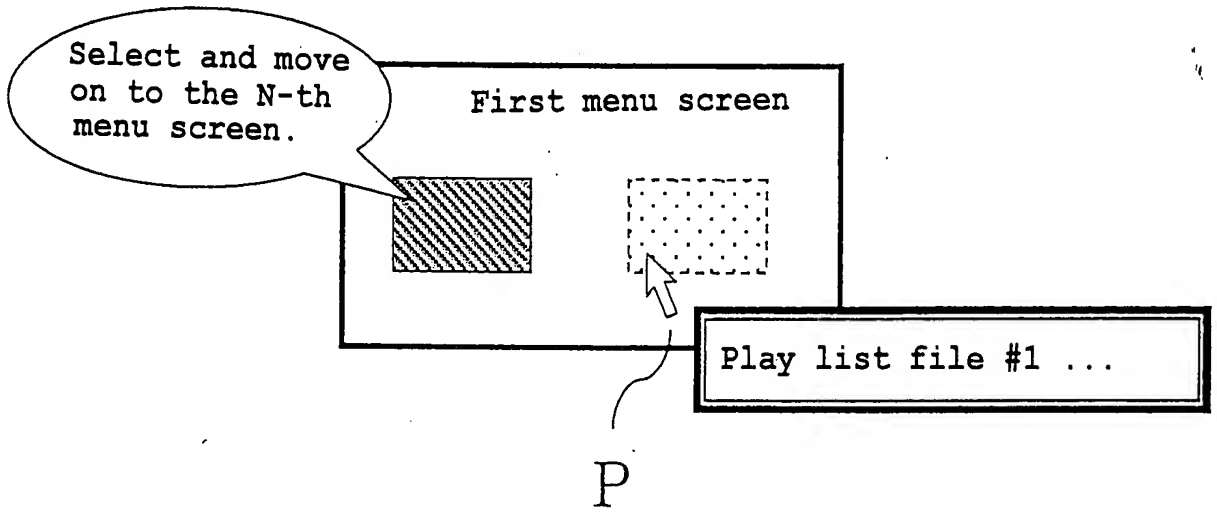


: Thumbnail for moving on to the child menu (corresponding to the child menu reference entry portion)

: Thumbnail for play list file selection (corresponding to the play list reference entry portion)

: Thumbnail for moving on to the parent menu (corresponding to the parent menu reference information)

Fig. 7



: Thumbnail for moving on to the child menu (corresponding to the child menu reference entry portion)

: Thumbnail for play list file selection (corresponding to the play list reference entry portion)

: Thumbnail for moving on to the parent menu (corresponding to the parent menu reference information)